

W Y O M I N G CAREERS®



Courtesy: National
Science Foundation



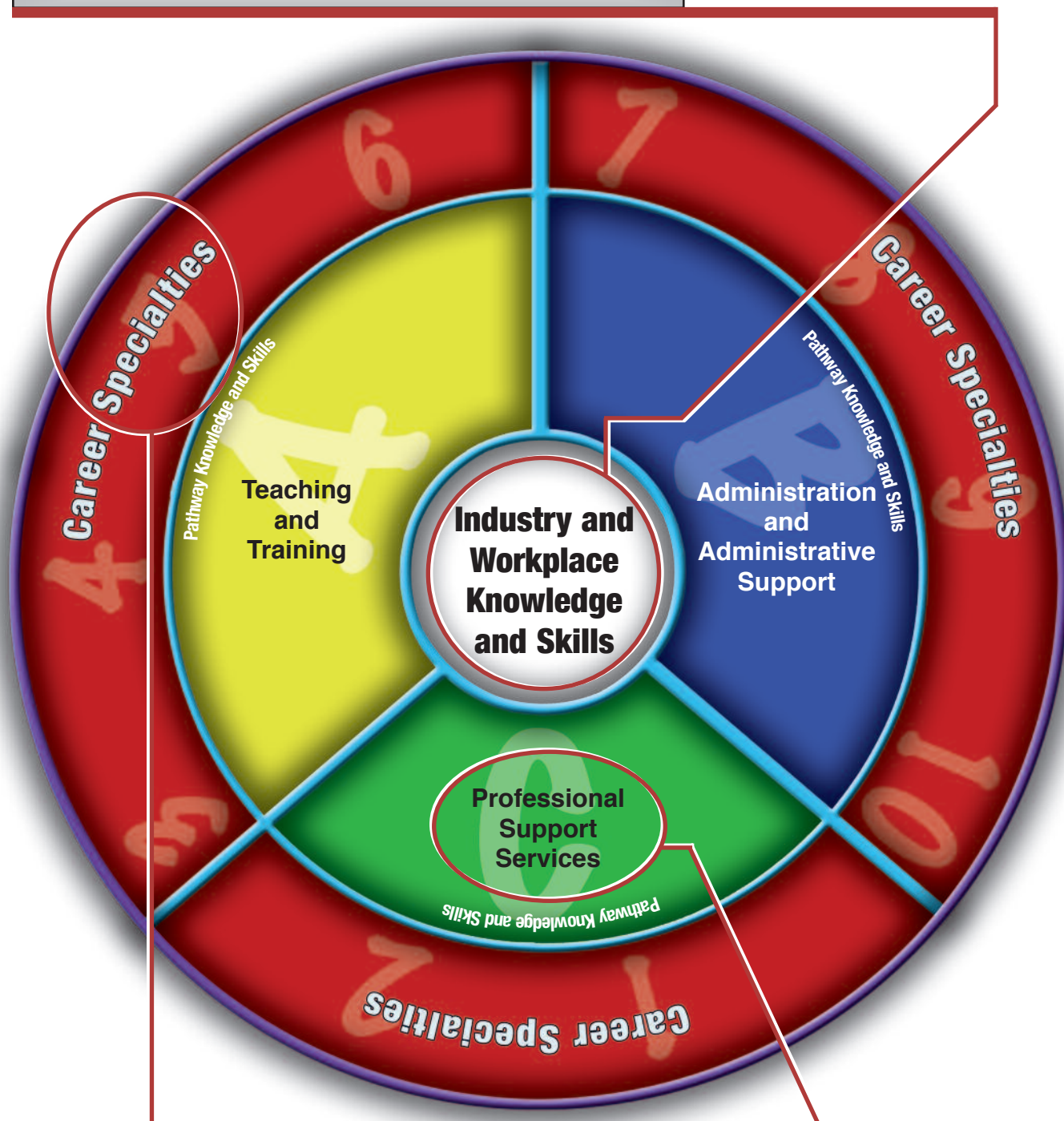
Planning, managing and providing education and training services,
and related learning support services.

Career Cluster Guide

2009-2010

CAREER CLUSTER MODEL

Industry and workplace knowledge and skills are taught and reinforced in all pathways and at all levels.



Highly specific career specialty skills are taught at the postsecondary level by colleges, trade schools, apprenticeships or other training options.

High schools offer some or all pathways to students and teach pathway-specific knowledge and skills.

PATHWAY

SPECIFIC OCCUPATIONS

Administration and Administrative Support

- Superintendents, Principals, Administrators
- Supervisors and Instructional Coordinators
- Education Researchers, Test Measurement Specialists
- College Presidents, Deans
- Curriculum Developers
- Instructional Media Designers

Professional Support Services

- Psychologists – Clinical, Developmental, Social
- Social Workers
- Parent Educators
- Counselors
- Speech-Language Pathologists and Audiologists

Teaching/ Training

- Preschool, Kindergarten Teachers, Aides
- Elementary Teachers, Aides
- Secondary Teachers, Aides
- Special Education Teachers, Aides
- College/University Lecturers, Professors
- Human Resource Trainers
- Physical Trainers
- Coaches
- Child Care Directors
- Child Care Workers
- Child Life Specialists
- Nannies
- Early Childhood Teachers and Assistants
- Group Workers and Assistants

If you can read
this, thank a
teacher!

- Anonymous



Wyoming's Highest-Paying, Fastest-Growing Jobs

Title	Basic Description O*NET/SOC Description (may be truncated)	Anticipated Total 2014 Employment	
Source: See footnote #1	Source: See footnote #1	Source: See footnote #1	
Coaches and scouts	Instruct or coach groups or individuals in the fundamentals of sports.	1,092	
Educational administrators, elementary and secondary school	Plan, direct, or coordinate the academic, clerical, or auxiliary activities of public or private elementary or secondary schools.	457	
Educational administrators, postsecondary	Plan, direct, or coordinate research, instructional, student administration and services, and other educational activities at postsecondary institutions, including universities, colleges, and junior and community colleges.	333	
Instructional coordinators	Develop instructional material, coordinate educational content, and incorporate current technology in specialized fields that provide guidelines to educators and instructors for developing curricula and conducting courses.	294	
Kindergarten teachers, except special education	Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development.	311	
Middle school teachers, except special and vocational education	Teach students in public or private schools in one or more subjects at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable state laws and regulations.	1,242	
Preschool teachers, except special education	Instruct children (normally up to 5 years of age) in activities designed to promote social, physical, and intellectual growth needed for primary school in a preschool, day care center, or other child development facility.	595	
Secondary school teachers, except special and vocational education	Instruct students in secondary public or private schools in one or more subjects at the secondary level, such as English, mathematics, or social studies.	2,026	
Special education teachers, middle school	Teach middle school subjects to educationally and physically handicapped students. Includes teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impaired.	245	

1. Source: doe.state.wy.us/lmi
2. Source: www.careerinfonet.org

Education & Training

	Wyoming Number of New Jobs, Projected 2004-2014	Wyoming Estimated Hourly Average Wage	Wyoming Estimated Yearly Wage	Most Common Education/ Training	Suggested Programs of Study	Is at least one of these programs available in Wyoming?
	Source: See footnote #1	Source: See footnote #1	Source: See footnote #1	Source: See footnote #2	Source: See footnote #2	
	168		\$26,266	Long-term on-the-job training	<ul style="list-style-type: none"> • Health and Physical Education • Physical Education Teaching and Coaching • Sport and Fitness Administration/Management 	Yes
	32		\$75,062	Bachelor's or higher degree, plus work experience	<ul style="list-style-type: none"> • Educational Administration and Supervision • Educational Leadership and Administration • Educational, Instructional, and Curriculum Supervision • Elementary and Middle School Administration/Principalship • Secondary School Administration/Principalship 	Yes
	43	\$42.80	\$89,019	Bachelor's or higher degree, plus work experience	<ul style="list-style-type: none"> • Community College Educational Administration and Supervision • Educational Leadership and Administration • Educational, Instructional, and Curriculum Supervision • Higher Education Educational Administration 	Yes
	65	\$26.30	\$54,713	Master's degree	<ul style="list-style-type: none"> • Curriculum and Instruction • Educational/Instructional Media Design 	Yes
	36		\$45,797	Bachelor's degree	<ul style="list-style-type: none"> • Early Childhood Education and Teaching • Kindergarten/Preschool Education and Teaching 	Yes
	61		\$50,461	Bachelor's degree	<ul style="list-style-type: none"> • Teacher Education and Professional Development, Specific Subject Areas 	Yes
	157	\$12.11	\$25,180	Postsecondary vocational award	<ul style="list-style-type: none"> • Child Care and Support Services Management • Early Childhood Education and Teaching • Kindergarten/Preschool Education and Teaching 	Yes
	144		\$48,669	Bachelor's degree	<ul style="list-style-type: none"> • Teacher Education and Professional Development, Specific Subject Areas 	Yes
	37		\$50,643	Bachelor's degree	<ul style="list-style-type: none"> • Special Education and Teaching 	Yes

For additional information and resources, go to:
http://www.wyomingworkforce.org/resources/links_career.aspx

Wyoming's Highest-Paying, Fastest-Growing Jobs

Title	Basic Description O*NET/SOC Description (may be truncated)	Anticipated Total 2014 Employment	
Source: See footnote #1	Source: See footnote #1	Source: See footnote #1	
Special education teachers, preschool, kindergarten, and elementary	Teach elementary and preschool school subjects to educationally and physically handicapped students.	715	
Special education teachers, secondary school	Teach secondary school subjects to educationally and physically handicapped students. Includes teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impaired.	318	
Teacher assistants	Perform duties that are instructional in nature or deliver direct services to students or parents.	4,127	
Training and development specialists	Conduct training and development programs for employees.	314	



1. Source: doe.state.wy.us/lmi
2. Source: www.careerinfo.net.org

For current listings of education jobs in Wyoming, visit each district's Web site and/or the following:

Wyoming School Boards Association
<http://www.wsba-wy.org/>

University of Wyoming Center for Advising and Career Services
<http://uwadminweb.uwyo.edu/cacs/>

Education & Training

	Wyoming Number of New Jobs, Projected 2004-2014	Wyoming Estimated Hourly Average Wage	Wyoming Estimated Yearly Wage	Most Common Education/ Training	Suggested Programs of Study	Is at least one of these programs available in Wyoming?
	Source: See footnote #1	Source: See footnote #1	Source: See footnote #1	Source: See footnote #2	Source: See footnote #2	
	136		\$46,201	Bachelor's degree	• Special Education and Teaching	Yes
	37		\$49,309	Bachelor's degree	• Special Education and Teaching	Yes
	528		\$21,805	Short-term on-the-job training	• Teacher Assistant/Aide	Yes
	65	\$21.95	\$45,644	Bachelor's or higher degree, plus work experience	• Human Resources Management/ Personnel Administration • Organizational Behavior Studies	Yes



“One looks back with appreciation to the brilliant teachers, but with gratitude to those who touched our human feelings. The curriculum is so much necessary raw material, but warmth is the vital element for the growing plant and for the soul of the child.”

– Carl Jung

WYOMING LICENSED OCCUPATIONS

	Occupation Title	Licensing Agency	
	Administrators, Education - preschool, child care, elementary, secondary, postsecondary	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	Audiologists	State Board of Examiners for Speech Pathology and Audiology 2020 Carey Avenue, Suite 201 Cheyenne, Wyoming 82002	
	Child, Family and Social Workers	Wyoming Mental Health Professions Licensing Board 2020 Carey Avenue, Suite 201 Cheyenne, Wyoming 82002	
	Clinical, Counseling and School Psychologists	Board of Psychology 2020 Carey Avenue, Suite 201 Cheyenne, Wyoming 82002	
	Kindergarten and Elementary School Teachers	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	Substitute Teachers	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	Middle School Teachers	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	School Librarians	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	Secondary School Teachers	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	Special Education Teachers, Early Childhood	Professional Teaching Standards Board 1920 Thomas Avenue, Suite 400 Cheyenne, Wyoming 82002	
	Speech Pathologists	State Board of Examiners for Speech Pathology and Audiology 2020 Carey Avenue, Suite 201 Cheyenne, Wyoming 82002	

PROGRAMS OF STUDY

WYOMING COMMUNITY COLLEGES

EDUCATION & TRAINING

Casper College

Central Wyoming College

Eastern Wyoming College

Laramie County
Community College

Northwest College

Northern Wyoming
Community College District

Western Wyoming
Community College

MAJORS

Agricultural Education
Assistant Coach
Athletic Coaching
Athletic Training
Business Education
Early Childcare Certificate
Early Childhood
Early Childhood Education
Education
Electrical Apprenticeship
Elementary and Early Childhood Education
Elementary Education
English
Fitness Leadership
General Studies
General Studies in Arts and Humanities
Head Coach
History
Industrial Arts
International Studies
Mathematics
Mathematics – Secondary Education
Music Education
Outdoor Education and Leadership
Outdoor Education and Recreation
Outdoor Recreation
ParaEducator
Physical Education
Physical Education – Health and Recreation
Pre-Dental Hygiene
Pre-Dentistry
Pre-Medical Technology
Pre-Medicine
Pre-Nursing
Pre-Occupational Therapy
Pre-Optometry
Pre-Pharmacy
Pre-Physical Therapy
Pre-Veterinary Medicine
Religious Studies
Secondary Education
Secondary Education – Social Studies
Spanish
Special Education
Teacher Assistant
Teaching Riding
Western American Studies
Wilderness Emergency Medical Technician
Wilderness First Responder

AS - Associate of Sciences
AA - Associate of Arts
AAS - Associate of Applied Sciences
AFA - Associate of Fine Art
C - Certificate

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UNIVERSITY OF WYOMING

COLLEGE OF AGRICULTURE

MAJORS

Family and Consumer Science/
Professional Child Development _____
Family and Consumer Science/
Early Childhood Development _____

COLLEGE OF ARTS AND SCIENCES

MAJOR Music Education _____

COLLEGE OF EDUCATION

MAJORS

Agriculture Education _____
Counselor Education _____
Education (Other) _____
Education/Curriculum and Instruction/
Early Childhood Development _____
Elementary Education _____
Elementary and Special Education _____
Secondary Education _____
Special Education _____
Technical Education _____
(Available only at the UW/CC Center, Casper)

Bachelor's Master's Doctorate



“A hundred years from now it will not matter what my bank account was, the sort of house I lived in, or the kind of car I drove ... but the world may be different because I was important in the life of a child.

– Kathy Davis



UNIVERSITY OF WYOMING

COLLEGE OF HEALTH SCIENCES

Bachelor's Master's Doctorate

MAJORS

Audiology

Counselor Education and Supervision

Health Education

Kinesiology and Health/Early

Childhood Development

Kinesiology and Health Promotion

Physical Education

Speech-Language Pathology/

Early Childhood Development



INTERDISCIPLINARY MAJORS*

MAJORS

English Education

(Offered by Arts and Sciences and Education)

Foreign Language Education

(Offered by Arts and Sciences and Education)

Math Education

(Offered by Arts and Sciences and Education)

Science Education

(Offered by Arts and Sciences and Education)

Social Studies Education

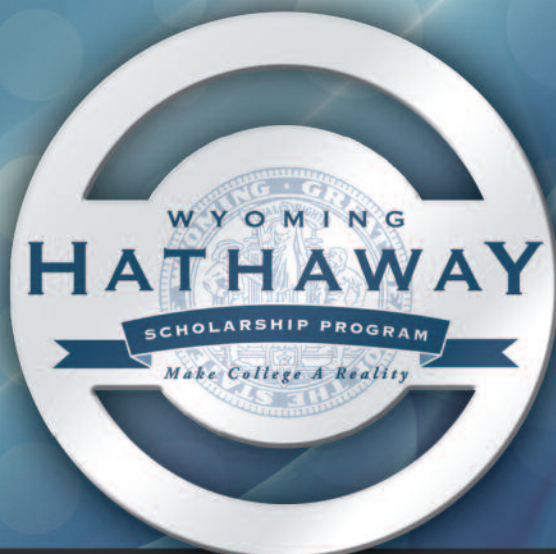
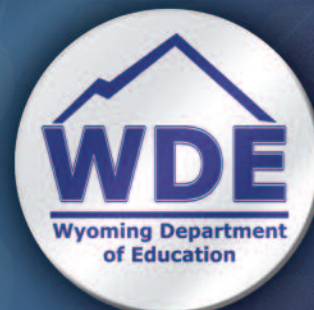
(Offered by Arts and Sciences and Education)



*Combination programs that cross over more than one discipline. May be signed up for in any of the listed colleges.

Degree: An award conferred by a college or university signifying that the recipient has satisfactorily completed a defined academic or vocational-technical program of study: Associate of Arts, Associate of Science, Associate of Applied Science, Bachelor of Arts, or Bachelor of Science.

Certificate: An official document issued to a student by a college or university attesting to the training, aptitude and/or qualification gained from the satisfactory completion of a defined program of study. Credit hours vary from 0 to 60 credit hours and are awarded for attendance or specific skills gained. (Attendance requirements vary from one hour to two years of study, depending upon program requirements.)



Notice

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Future versions of the Wyoming Career Cluster Guides and accompanying Planning Guide may be modified in terms of content and format based upon user input. Please direct all suggestions and inquiries in writing to:

Career Cluster Coordinator
Wyoming Department of Education
2300 Capitol Avenue
Hathaway Building, 2nd Floor
Cheyenne, WY 82002-0050



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States' Career Clusters Initiative 2006
www.careerclusters.org